

## SEQUENCE LISTING

&lt;110&gt; VOLZ et al.

&lt;120&gt; ANTI-ANGIOGENIC FRAGMENTS OF PIGMENT EPITHELIUM-DERIVED FACTOR (PEDF)

&lt;130&gt; 27611/39620

&lt;150&gt; US 60/413,685

&lt;151&gt; 2002-09-26

&lt;150&gt; US 60/417,688

&lt;151&gt; 2002-10-10

&lt;160&gt; 24

&lt;170&gt; PatentIn version 3.2

&lt;210&gt; 1

&lt;211&gt; 398

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 1

Asn Pro Ala Ser Pro Pro Glu Glu Gly Ser Pro Asp Pro Asp Ser Thr  
 1 5 10 15

Gly Ala Leu Val Glu Glu Glu Asp Pro Phe Phe Lys Val Pro Val Asn  
 20 25 30

Lys Leu Ala Ala Ala Val Ser Asn Phe Gly Tyr Asp Leu Tyr Arg Val  
 35 40 45

Arg Ser Ser Met Ser Pro Thr Thr Asn Val Leu Leu Ser Pro Leu Ser  
 50 55 60

Val Ala Thr Ala Leu Ser Ala Leu Ser Leu Gly Ala Glu Gln Arg Thr  
 65 70 75 80

Glu Ser Ile Ile His Arg Ala Leu Tyr Tyr Asp Leu Ile Ser Ser Pro  
 85 90 95

Asp Ile His Gly Thr Tyr Lys Glu Leu Leu Asp Thr Val Thr Ala Pro  
 100 105 110

Gln Lys Asn Leu Lys Ser Ala Ser Arg Ile Val Phe Glu Lys Lys Leu  
 115 120 125

Arg Ile Lys Ser Ser Phe Val Ala Pro Leu Glu Lys Ser Tyr Gly Thr  
 130 135 140

Arg Pro Arg Val Leu Thr Gly Asn Pro Arg Leu Asp Leu Gln Glu Ile  
 145 150 155 160

Asn Asn Trp Val Gln Ala Gln Met Lys Gly Lys Leu Ala Arg Ser Thr  
 165 170 175

Lys Glu Ile Pro Asp Glu Ile Ser Ile Leu Leu Leu Gly Val Ala His  
 180 185 190

Phe Lys Gly Gln Trp Val Thr Lys Phe Asp Ser Arg Lys Thr Ser Leu  
 195 200 205

Glu Asp Phe Tyr Leu Asp Glu Glu Arg Thr Val Arg Val Pro Met Met  
 210 215 220

Ser Asp Pro Lys Ala Val Leu Arg Tyr Gly Leu Asp Ser Asp Leu Ser  
 225 230 235 240

Cys Lys Ile Ala Gln Leu Pro Leu Thr Gly Ser Met Ser Ile Ile Phe  
 245 250 255

Phe Leu Pro Leu Lys Val Thr Gln Asn Leu Thr Leu Ile Glu Glu Ser  
 260 265 270

Leu Thr Ser Glu Phe Ile His Asp Ile Asp Arg Glu Leu Lys Thr Val  
 275 280 285

Gln Ala Val Leu Thr Val Pro Lys Leu Lys Leu Ser Tyr Glu Gly Glu  
 290 295 300

Val Thr Lys Ser Leu Gln Glu Met Lys Leu Gln Ser Leu Phe Asp Ser  
 305 310 315 320

Pro Asp Phe Ser Lys Ile Thr Gly Lys Pro Ile Lys Leu Thr Gln Val  
 325 330 335

Glu His Arg Ala Gly Phe Glu Trp Asn Glu Asp Gly Ala Gly Thr Thr  
 340 345 350

Pro Ser Pro Gly Leu Gln Pro Ala His Leu Thr Phe Pro Leu Asp Tyr  
 355 360 365

His Leu Asn Gln Pro Phe Ile Phe Val Leu Arg Asp Thr Asp Thr Gly  
 370 375 380

Ala Leu Leu Phe Ile Gly Lys Ile Leu Asp Pro Arg Gly Pro  
 385 390 395

<210> 2  
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<212> PRT  
<213> Artificial sequence

<220>  
<223> Synthetic peptide

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Thr Gly Ala Leu Val Glu Glu Glu Asp Pro Phe  
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<210> 3  
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Glu Arg Thr Glu Ser Ile Ile His Arg Ala Leu  
1 5 10

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Glu Arg Thr Glu Ser Ile Ile His Arg Ala Leu Tyr Tyr Asp Leu Ile  
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Ser

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Ser Ser Pro Asp Ile His Gly Thr Tyr Lys Glu  
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&lt;400&gt; 6

Leu Tyr Tyr Asp Leu Ile Ser Ser Pro Asp Ile His Gly Thr Tyr Lys  
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Glu

&lt;210&gt; 7

&lt;211&gt; 5

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Synthetic peptide

&lt;400&gt; 7

Val Glu Glu Asp Pro  
1 5

&lt;210&gt; 8

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Synthetic peptide

&lt;400&gt; 8

Thr Gly Ala Leu Val Gln Gln Gln Asp Pro Phe  
1 5 10

&lt;210&gt; 9

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Synthetic peptide

&lt;400&gt; 9

Thr Gly Ala Leu Val Glu Glu Glu Asp Pro Phe Phe Lys Val Pro Val  
1 5 10 15

Asn Lys

&lt;210&gt; 10

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Synthetic peptide

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Pro Val Asn Lys Leu Ala Ala Ala Val Ser Asn Phe Gly Tyr Asp Leu  
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Tyr Arg Val Arg Ser Ser Met Ser Pro  
20 25

<210> 12

<211> 25

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Pro Val Asn Lys Leu Ala Ala Ala Val Ser Asn Phe Gly Tyr Asn Leu  
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Tyr Arg Val Arg Ser Ser Met Ser Pro  
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<210> 13

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<400> 13

Lys Val Pro Val Asn Lys  
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<210> 14

<211> 6

<212> PRT

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Ser Asn Phe Gly Tyr Asp  
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<210> 15

<211> 9

<212> PRT

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Tyr Arg Val Arg Ser Ser Met Ser Pro  
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<210> 16

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Asp Glu Arg Thr Glu Ser  
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<212> PRT

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His Arg Ala Leu Tyr Tyr Asp  
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<210> 18

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<212> PRT

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<400> 18

Tyr Tyr Asp Leu Ile Ser  
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Glu Arg Thr Glu Ser Ile Ile His Arg Ala Leu Tyr Tyr Asn Leu Ile  
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Ser

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Glu Arg Thr Glu Ser Ser Ser His Arg Ala Leu Tyr Tyr Asp Ser Ser  
1 5 10 15

Ser

<210> 21  
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<400> 21

Gln Arg Thr Gln Ser Ile Ile His Arg Ala Leu Tyr Tyr Asn Leu Ile  
1 5 10 15

Ser

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<212> PRT  
<213> Artificial sequence

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<223> Synthetic peptide

<400> 22

Glu Arg Thr Glu Ser Ile Ile His Arg Ala Leu Tyr Tyr Asp Leu Ile  
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Ser Ser Pro Asp Ile His Gly Thr Tyr Lys Glu Leu Leu Asp  
20 25 30

<210> 23  
<211> 32  
<212> PRT  
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<220>  
<223> Synthetic peptide

<400> 23

Asp Glu Arg Thr Glu Ser Ile Ile His Arg Ala Leu Tyr Tyr Asp Asn  
1 5 10 15

Asn Lys Val Pro Val Asn Lys Leu Ala Ala Ala Val Ser Asn Phe Gly  
20 25 30

<210> 24  
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<220>  
<223> Synthetic peptide

<400> 24

Thr Gln Val Glu His Arg  
1 5